



Laboratory SX Plant 13

SX Kinetics designed and manufactured this solvent extraction pilot plant for a laboratory investigation into the extraction and purification of copper from an ore body in Cyprus.



Project: sxk-81

Client: Hellenic Copper Mines Limited

Location: Nicosia, Cyprus

Stages: 10

Capacity: 150 mL/min (org + Aq)

Recycle: Option for organic or aqueous

Items Provided:

- Borosilicate mixers, settlers, and aqueous over flow weirs
- Variable speed mixer motors with constant torque output and digital rpm display
- High efficiency curved blade SX impellers with polypropylene coated shafts
- Support frame with vibration adsorption clamps
- Interchangeable tubing for easy configuration to any circuit design
- Completely assembled and tested prior to shipment
- Installation instructions and operating manual

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